

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0091.7US	SERIAL NO. 09/742,578
	APPLICANT Ozluturk et al.	
	FILING DATE December 21, 2000	GROUP 2465

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		D356560	03/1995	Kornfeld et al.			
		3,700,820	10/1972	Blasbalg et al.			
		3,761,610	09/1973	Krallinger et al.			
		4,069,392	01/1978	Goldenberg et al.			
		4,092,601	05/1978	Lee et al.			
		4,156,277	05/1979	Seitz et al.			
		4,292,623	09/1981	Eswaran et al.			
		4,320,513	03/1982	Lampert			
		4,384,307	05/1983	Kuzmik et al.			
		4,385,206	05/1983	Bradshaw et al.			
		4,403,322	09/1983	Kato et al.			
		4,425,665	01/1984	Stauffer			
		4,458,314	07/1984	Grimes			
		4,480,307	10/1984	Budde et al.			
		4,570,220	02/1986	Tetrick et al.			
		4,583,124	04/1986	Tsuji et al.			
		4,608,700	08/1986	Kirtley, Jr. et al.			
		4,630,126	12/1986	Kaku et al.			
		4,646,232	02/1987	Chang et al.			
		4,667,192	05/1987	Schmid et al.			
		4,675,865	06/1987	DeVries et al.			
		4,709,343	11/1987	Van Chang			
		4,744,079	05/1988	Csapo et al.			
		4,768,145	08/1988	Wheelwright et al.			
		4,785,463	11/1988	Janc et al.			
		4,802,189	01/1989	Wedler			
	*	4,807,226	02/1989	Naka			
		4,811,262	03/1989	White			

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	4,811,421	03/1989	Havel et al.			
	4,862,402	08/1989	Shah et al.			
	4,876,554	10/1989	Tubbs			
	4,901,265	02/1990	Kerr et al.			
	4,901,307	02/1990	Gilhousen et al.			
	4,905,177	02/1990	Weaver, Jr., et al.			
	4,912,722	03/1990	Carlin ¹⁶			
	4,914,574	04/1990	Terada et al.			
	4,926,130	05/1990	Weaver			
	4,928,274	05/1990	Gilhousen et al.			
	4,940,771	07/1990	Maresca			
	4,965,533	10/1990	Gilmore			
	4,979,170	12/1990	Gilhousen et al.			
	5,017,926	05/1991	Ames et al.			
	5,021,891	06/1991	Lee			
	5,022,024	06/1991	Paneth et al.			
	5,022,046	06/1991	Morrow			
	5,022,049	06/1991	Abrahamson et al.			
	5,027,306	06/1991	Dattorro et al.			
	5,028,887	07/1991	Gilmore			
	5,050,004	09/1991	Morton, Jr.			
	5,056,109	10/1991	Gilhousen et al. ⁶			
	5,081,643	01/1992	Schilling			
	5,084,900	01/1992	Taylor			
	5,093,840	03/1992	Schilling			
	5,099,204	03/1992	Wheatley, III			
	5,101,416	03/1992	Fenton et al.			
	5,101,501	03/1992	Gilhousen et al.			
	5,103,459	04/1992	Gilhousen et al.			
	5,105,423	04/1992	Tanaka et al.			
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	5,107,225	04/1992	Wheatley, III et al.			
	5,107,345	04/1992	Lee			
	5,109,390	04/1992	Gilhausen et al.			
	5,113,525	05/1992	Andoh			
	5,115,429	05/1992	Hluchyj et al.			
	5,117,385	05/1992	Gee			
	5,126,748	06/1992	Ames et al.			
	5,128,623	07/1992	Gilmore			
	5,140,613	08/1992	Birgenheier et al.			
	5,142,278	08/1992	Moallemi et al.			
	5,151,919	09/1992	Dent ²⁰			
	5,159,283	10/1992	Jensen			
	5,159,551	10/1992	Brunnett et al.			
	5,161,168	11/1992	Schilling			
	5,166,929	11/1992	Lo			
	5,166,951	11/1992	Schilling			
	5,166,952	11/1992	Omurg et al.			
	5,179,571	01/1993	Schilling			
	5,179,572	01/1993	Schilling			
	5,193,094	03/1993	Viterbi			
	5,199,061	03/1993	Kim			
	5,204,876	04/1993	Bruckert et al.			
	5,210,771	05/1993	Schaeffer et al.			
	5,216,692	06/1993	Ling			
	5,224,120	06/1993	Schilling			
	5,228,053	07/1993	Miller et al.			
	5,228,054	07/1993	Rueth et al.			
	5,228,056	07/1993	Schilling			
	5,233,630	08/1993	Wolf			
	5,235,614	08/1993	Bruckert et al.			
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	5,237,586	08/1993	Bottomley			
	5,239,557	08/1993	Dent ¹²			
	5,239,685	08/1993	Moe et al.			
	5,241,690	08/1993	Larsson et al.			
	5,245,629	09/1993	Hall			
	5,253,268	10/1993	Omura et al.			
	5,253,347	10/1993	Bagnoli et al.			
	5,257,283	10/1993	Gilhousen et al.			
	5,258,940	11/1993	Coker et al.			
	5,260,967	11/1993	Schilling			
	5,262,974	11/1993	Hausman et al.			
	5,263,045	11/1993	Schilling			
	5,265,119	11/1993	Gilhousen et al.			
	5,267,261	11/1993	Blakeney, III et al.			
	5,267,262	11/1993	Wheatley, III			
	5,274,474	12/1993	Medina			
	5,274,665	12/1993	Schilling			
	5,276,261	01/1994	Mayer et al.			
	5,276,684	01/1994	Pearson			
	5,276,907	01/1994	Meidan			
	5,280,472	01/1994	Gilhousen et al.			
	5,283,536	02/1994	Wheatley, III et al.			
	5,287,299	02/1994	Lin			
	5,287,463	02/1994	Frame et al.			
	5,289,527	02/1994	Tiedemann, Jr.			
	5,291,515	03/1994	Uchida et al.			
	5,293,641	03/1994	Kallin et al. ⁵			
	5,295,152	03/1994	Gudmundson et al.			
	5,295,153	03/1994	Gudmundson ¹⁰			
	5,297,161	03/1994	Ling			
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	5,297,162	03/1994	Lee et al.			
	5,299,226	03/1994	Schilling			
	5,299,228	03/1994	Hall			
	5,305,349	04/1994	Dent			
	5,307,405	04/1994	Sih			
	5,309,474	05/1994	Gilhousen et al.			
	5,311,459	05/1994	D'Luna et al.			
	5,316,422	05/1994	Coffman			
	5,321,721	06/1994	Yamaura et al.			
	5,327,455	07/1994	De Gaudenzi et al.			
	5,327,467	07/1994	De Gaudenzi et al.			
	5,329,547	07/1994	Ling			
	5,337,338	08/1994	Sutton et al.			
	5,339,046	08/1994	Kornfeld et al.			
	5,339,174	08/1994	Harris			
	5,341,396	08/1994	Higgins et al.			
	5,341,397	08/1994	Gudmundson			
	5,341,427	08/1994	Hardy et al.			
	5,341,456	08/1994	DeJaco			
	5,343,335	08/1994	Hara			
	5,345,467	09/1994	Lomp et al.			
	5,345,596	09/1994	Buchenhorner et al.			
	5,345,598	09/1994	Dent			
	5,347,536	09/1994	Meehan			
	5,349,606	09/1994	Lovell et al.			
	5,351,134	09/1994	Yaguchi et al.			
	5,351,269	09/1994	Schilling			
	5,353,302	10/1994	Bi			
	5,353,352	10/1994	Dent et al.			
	5,355,453	10/1994	Row et al.			
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	5,361,276	11/1994	Subramanian			
	5,363,377	11/1994	Sharpe			
	5,363,403	11/1994	Schilling et al.			
	5,365,544	11/1994	Schilling			
	5,365,585	11/1994	Puhl et al.			
	5,367,533	11/1994	Schilling			
	5,373,259	12/1994	Hackman et al.			
	5,373,502	12/1994	Turban			
	5,377,183	12/1994	Dent			
	5,377,223	12/1994	Schilling			
	5,379,242	01/1995	Rose et al.			
	5,383,219	01/1995	Wheatley, III et al.			
	5,386,589	01/1995	Kanai * corresponds to JP H05-244056			
	5,390,207	02/1995	Fenton et al.			
	5,392,287	02/1995	Tiedemann, Jr. et al.			
	5,396,516	03/1995	Padovani et al. * corresponds to WO9419876			
	5,396,539	03/1995	Slekys et al.			
	5,398,243	03/1995	Aguilhon et al.			
	5,404,376	04/1995	Dent			
	5,406,559	04/1995	Edem et al.			
	5,406,615	04/1995	Miller II, et al.			
	5,408,697	04/1995	Price et al.			
	5,410,568	04/1995	Schilling			
†	5,412,659	05/1995	Fujita et al. ²⁴			
	5,412,686	05/1995	Ling ¹⁷			
	5,414,728	05/1995	Zehavi ⁴			
	5,414,729	05/1995	Fenton			
	5,414,732	05/1995	Kaufmann			
	5,414,796	05/1995	Jacobs et al.			

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	5,416,797	05/1995	Gilhausen et al.			
	5,418,624	05/1995	Ahmed			
	5,420,850	05/1995	Umeda et al.			
	5,420,864	05/1995	Dahlin et al.			
	5,420,896	05/1995	Schilling			
	5,422,908	06/1995	Schilling			
	5,430,724	07/1995	Fall et al.			
	5,430,760	07/1995	Dent			
	5,440,597	08/1995	Chung et al.			
	5,440,632	08/1995	Bacon et al.			
	5,442,625	08/1995	Gitlin et al.			
	5,442,662	08/1995	Fukasawa et al.			
	5,446,683	08/1995	Mullen et al.			
	5,446,756	08/1995	Mallinckrodt			
	5,448,600	09/1995	Lucas			
	5,452,339	09/1995	Siu et al.			
	5,454,026	09/1995	Tanaka			
	5,459,758	10/1995	Moore			
	5,459,759	10/1995	Schilling			
	5,461,639	10/1995	Wheatley, III, et al.			
	5,465,399	11/1995	Oberholtzer et al.			
	5,471,497	11/1995	Zehavi et al.			
	5,483,549	01/1996	Weinberg et al.			
	5,485,486	01/1996	Gilhausen et al.			
	5,487,089	01/1996	Misaizu et al.			
††	5,487,180	01/1996	Ohtake			
	5,488,629	01/1996	Takahashi et al.			
	5,490,136	02/1996	Sereno et al.			
	5,506,864	04/1996	Schilling			
	5,508,708	04/1996	Ghosh et al.			
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	5,509,126	04/1996	Oprescu et al.			
	5,519,736	05/1996	Ishida ²²			
	5,528,593	06/1996	English et al.			
	5,528,624	06/1996	Kaku et al.			
	5,535,238	07/1996	Schilling et al.			
	5,535,239	07/1996	Padovani et al.			
	5,535,278	07/1996	Cahn et al.			
	5,541,606	07/1996	Lennen			
	5,544,155	08/1996	Lucas et al. ²³			
	5,544,156	08/1996	Teder et al.			
	5,544,196	08/1996	Tiedemann, Jr. et al. ²¹			
	5,546,424	08/1996	Miyake			
	5,548,613	08/1996	Kaku et al.			
	5,550,811	08/1996	Kaku et al.			
	5,559,790	09/1996	Yano et al.			
	5,561,669	10/1996	Lenney et al.			
	5,563,907	10/1996	Lomp			
	5,563,912	10/1996	Yasunaga et al.			
	5,566,165	10/1996	Sawahashi et al. ¹			
	5,566,201	10/1996	Ostman			
	5,568,472	10/1996	Umeda et al.			
	5,568,483	10/1996	Padovani et al.			
	5,570,349	10/1996	Bustamante et al.			
	5,570,353	10/1996	Keskitalo et al.			
	5,572,516	11/1996	Miya et al.			
	5,574,754	11/1996	Kurihara et al.			
	5,574,775	11/1996	Miller, II et al.			
	5,574,983	11/1996	Douzono et al.			
	5,577,087	11/1996	Furuya ²⁵			
††	5,579,374	11/1996	Doi et al. *corresponds to JP H7-075154			
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		5,581,547	12/1996	Umeda et al.			
		5,582,851	12/1996	Hofstetter et al.			
		5,586,113	12/1996	Adachi et al.			
		5,590,409	12/1996	Sawahashi et al.			
		5,594,718	01/1997	Weaver, Jr. et al.			
		5,596,570	01/1997	Soliman			
	*	5,602,832	02/1997	Hudson ²⁸			
		5,602,833	02/1997	Zehavi			
		5,603,096	02/1997	Gilhousen et al.			
		5,604,730	02/1997	Tiedemann, Jr.			
		5,610,940	03/1997	Durrant et al.			
		5,613,228	03/1997	Tuttle et al.			
		5,614,914	03/1997	Bolgiano et al.			
		5,619,524	04/1997	Ling et al.			
		5,619,526	04/1997	Kim et al.			
		5,621,416	04/1997	Lennen			
		5,621,723	04/1997	Walton, Jr., et al.			
		5,627,835	05/1997	Witter			
		5,627,855	05/1997	Davidovici			
		5,629,955	05/1997	McDonough			
		5,638,362	06/1997	Dohi et al. ²			
		5,640,414	06/1997	Blakeney II et al.			
		5,644,590	07/1997	Sugita			
		5,652,765	07/1997	Adachi et al.			
		5,654,980	08/1997	Latva-aho et al.			
		5,657,343	08/1997	Schilling			
		5,666,654	09/1997	Kanai			
		5,673,259	09/1997	Quick, Jr.			
		5,673,286	09/1997	Lomp			
		5,675,581	10/1997	Soliman			
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	5,689,502	11/1997	Scott			
	5,689,815	11/1997	Yamazaki et al.			
	5,691,974	11/1997	Zehavi et al.			
	5,692,008	11/1997	Van Nee			
	5,710,768	01/1998	Ziv et al.			
	5,712,869	01/1998	Lee et al.			
	5,715,526	02/1998	Weaver et al.			
	5,722,051	02/1998	Agrawal et al.			
	5,734,648	03/1998	Adachi et al.			
	5,737,326	04/1998	I et al.			
	5,745,484	04/1998	Scott			
	5,751,739	05/1998	Seshadri et al.			
	5,751,761	05/1998	Gilhousen			
	5,754,803	05/1998	Regis			
	5,757,767	05/1998	Zehavi			
	5,764,687	06/1998	Easton			
	5,771,451	06/1998	Takai et al.			
	5,781,542	07/1998	Tanaka et al. ²⁶			
	5,781,584	07/1998	Zhou et al.			
	5,790,591	08/1998	Gold et al.			
	5,802,046	09/1998	Scott			
	5,812,593	09/1998	Kaku			
	5,812,938	09/1998	Gilhousen et al.			
	5,822,318	10/1998	Tiedemann et al.			
	5,822,359	10/1998	Bruckert et al.			
	5,828,662	10/1998	Jalali et al.			
	5,841,768	11/1998	Ozluturk et al.			
	5,844,935	12/1998	Shoji			
	5,856,971	01/1999	Gitlin et al.			
	5,870,378	02/1999	Huang et al.			
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	5,870,427	02/1999	Tiedemann et al.			
	5,872,810	02/1999	Philips et al.			
	5,875,400	02/1999	Madhavapeddy et al.			
	5,878,329	03/1999	Mallinckrodt			
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	APPLICANT Ozluturk et al.	
	FILING DATE December 21, 2000	GROUP 2465

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	6,269,113	07/2001	Park			
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	6,292,519	09/2001	Popovic			
	6,335,924	01/2002	Yano et al.			
	6,341,143	01/2002	Nelson et al.			
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	6,396,867	05/2002	Tiedemann, Jr. et al.			
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	6,463,089	10/2002	Chauncey et al.			
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	6,510,148	01/2003	Honkasalo			
	6,519,277	02/2003	Eidson			
	6,519,461	02/2003	Andersson et al.			
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	#	6,956,835	10/2005	Tong et al.			
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	#	6,977,915	12/2005	Chen et al.			
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	#	7,133,460	11/2006	Bae et al.			
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	#	7,839,960	11/2010	Gilhousen et al.			
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		20070002934	01/2007	Schilling			
		20080304552	12/2008	Pataguppe et al.			
		20090310651	12/2009	Amde et al.			
	*	20100277878	11/2010	Sekido ¹⁹			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		3743731	07/1989	DE			X**	
		3743732	07/1989	DE			X**	
		0022170	01/1981	EP				
		0372350	06/1990	EP				
		0462572	12/1991	EP				
		0464839	01/1992	EP				
		0476215	03/1992	EP				
		0505341	09/1992	EP				
		0515335	05/1992	EP				
		0525860	02/1993	EP				
		0526106	02/1993	EP				

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							YES	NO
		0565507	10/1993	EP				
		0615395	09/1994	EP				
		0631397	12/1994	EP				
		0637179	02/1995	EP				
		0654913	05/1995	EP				
		0656716	06/1995	EP				
		0668662	08/1995	EP				
		0682423	11/1995	EP				
		0744876	11/1996	EP				
		1933470	06/2008	EP ^a				
		2712129	05/1995	FR			X**	
		2280575	02/1995	GB				
		2301746	12/1996	GB				
		H06-343068	12/1994	JP				
		H05-300077	11/1993	JP			X**	
		H02-287874	11/1990	JP				
		H04-287593	10/1992	JP				
		H06-276176	09/1994	JP			X**	
		H07-273600	10/1995	JP				
		06-268574	09/1994	JP			X**	
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							YES	NO
		H04-222111	08/1992	JP				
		S63-198423	08/1988	JP				
		H05-144128	06/1993	JP				
		H05-129969	05/1993	JP			X**	
		H01-124730	08/1988	JP				
		H06-120865	04/1994	JP			X**	
		H07-107007	04/1995	JP			X**	
		H06-104829	04/1994	JP				
		H06-104694	04/1994	JP				
		H05-083381	04/1993	JP				
		H07-079477	03/1995	JP			X**	
		H07-058665	03/1995	JP				
		H07-050631	02/1995	JP			X**	
		H07-046180	02/1995	JP			X**	
		H03-040535	02/1991	JP				
		H05-022285	1/1993	JP			X**	
		H06-006374	01/1994	JP				
		H05-244056	09/1993	JP * corresponds to US 5,386,589			X	
		H07-095151	04/1995	JP *corresponds to US 5,487,180			X	
		H07-030483	07/1993	JP			X**	
		H05-327580	10/1993	JP			X**	
		H02-042500	02/1990	JP			X**	
		S63-23425	01/1998	JP			X**	

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							YES	NO
		H07-087011	03/1995	JP			X**	
		H07-154297	06/1995	JP			X**	
		H06-77963	03/1994	JP			X**	
		H02-220526	09/1990	JP			X**	
		H07-107033	04/1995	JP			X**	
		H07-38496	07/1995	JP			X**	
		H07-123016	05/1995	JP			X**	
		H07-336323	12/1995	JP			X**	
		H08-307320	11/1996	JP			X**	
		H07-336765	12/1995	JP			X**	
	*	H05-235906	09/1993	JP			X**	
		9221196	11/1992	WO				
		9307702	04/1993	WO				
		9314588	07/1993	WO				
		9416513	07/1994	WO				
		9428640	12/1994	WO				
		9503652	02/1995	WO				
		9507578	03/1995	WO				
		9508876	03/1995	WO				
		9512257	05/1995	WO				
		9515038	06/1995	WO				
		9702665	01/1997	WO				
		9702675	01/1997	WO				

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						YES	NO
	9707600	02/1997	WO				
	9013942	11/1990	WO *equivalent to US 5,027,306			X	
	9200639	01/1992	WO ³				
	9309626	05/1993	WO ⁷				
	9222157	10/1992	WO ¹⁵				

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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
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	AZAD ET AL., "Multirate Spread Spectrum Direct Sequence CDMA Techniques", <u>IEEE Colloquium on Spread Spectrum Techniques for Radio Communication Systems</u> , Digest No. 1994/ 098, pp. 4/1-4/5, (IEEE, 1994).
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		Expert Report of Mark Lanning Regarding Invalidity of U.S. Patent Numbers: 6,674,791; 7,117,004; 7,190,966; and 7,286,847, In the Matter of Certain 3G Mobile Handsets And Components, Investigation No. 337-TA-613, February 1, 2008.
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¹ US 5,566,165 is equivalent to CN 1126930A; ² Corresponds to WO 95/10903; ³ Corresponds to JP 6-501349; ⁴ Corresponds to WO 95/12937; ⁵ Corresponds to CN 1073561; ⁶ Corresponds to JP 04-502841, CN1025402, CN1053870, and WO9107037; ⁷ Corresponds to JP 06-504179; ⁸ Corresponds to JP 2006-005957; ⁹ Corresponds to JP 06-511609 and WO 93/21739; ¹⁰ Corresponds to JP 07-502398 and WO 93/21698; ¹¹ Corresponds to WO9858461; ¹² Corresponds to WO9321707 and JP H8-501665; ¹³ Corresponds to EP0633676; ¹⁴ Corresponds to GB 2301747; ¹⁵ Corresponds to JP 05-508987; ¹⁶ Corresponds to EP 0360476; ¹⁷ Corresponds to WO 95/08224; ¹⁸ Corresponds to JP 2000-515655; ¹⁹ Corresponds to JP 2009-176815; ²⁰ Corresponds to EP 0526439; ²¹ Corresponds to WO 93/18601; ²² Corresponds to JP 07-086982; ²³ Corresponds to JP 07-050651; ²⁴ Corresponds to JP 06-141362; ²⁵ Corresponds to JP 05-130082; ²⁶ Corresponds to JP 08-163085; ²⁷ Corresponds to JP 08-316897; ²⁸ Corresponds to GB 2282300.

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